

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0003] as follows:

[0003] The document "Parallel confocal laser microscope system using pixel arrays" by Makoto Naruse et al.; Proceedings of SPIE, Vol. 4092, pp. 94-101 (~~on Internet: "http://www.k2.u-tokyo.ac.jp/papers/optics/conf/naruse_confocal_SPIE00.pdf"~~) is known, in which the author describes a system 1 of parallel confocal microscopy in accordance with FIG. 1. An array 10 of lasers is shown of VCSEL type ("Vertical-cavity surface-emitting laser") emitting a light beam towards a specimen 13 placed on a plate 14. This incident beam firstly passes through a semi-transparent mirror 11 then an optical system 12 to focus the beam onto the specimen 13. The mirror 11 allows the light beam back-scattered by the specimen 13 to be deviated towards an array of photodetectors 16. In order to respect the notion of confocality, filtering holes 15 are arranged upstream of the photodetectors 16. A control unit 18 receives the signals generated by the photodetectors using a processing device 17 so as to control the array of lasers 10, the plate 14 and the optical system 12.